

USG™ Drywall Suspension System – Curved Ceilings



High Recycled Content



USG Drywall Suspension System/
SHEETROCK Gypsum Panels

LEED Credits

Recycled Content: Up to 54%

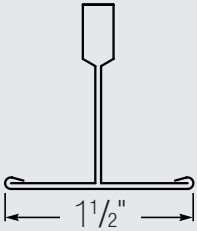
MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

Features and Benefits

- Drywall suspension system simplifies the design and construction of curved drywall ceilings
- Pre-engineered curves ensure correct installation
- Custom components allow easy changes in ceiling elevations and transitions between ceiling types
- G40 hot-dipped galvanized system suitable for interior and exterior applications

Applications

- General-use areas
- Domes, round and elliptical
- Groin vaults
- Curved soffits



Profile

USG™ Drywall Suspension System – Curved Ceilings

To order samples/literature:

- Web: usg.com
- E-mail: samplit@usg.com
- Fax: 888 874.2348

Web Sites: usg.com
usgdesignstudio.com
sustainableceilings.com
seismicceilings.com

See usg.com for
the most up-to-date
product information.

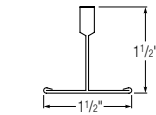
Technical Services: 800 USG.4YOU



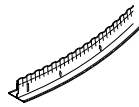
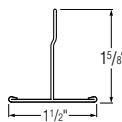
System meets or exceeds load compliance specifications per ASTM C635

System Components

Curved Main Tees



Valley



ASTM Class per C635	Radius	Arc Length	Height	Item No. ²	Class	Recycled Content	Rated Load ²	
							2' Hanger Spacing	4' Hanger Spacing
16 lbs. ³	31"-44"	6'	1-1/2"	DGW6VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ³	45"-60"	8'	1-1/2"	DGW8VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ³	61"-72"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ³	73"-91"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ³	92"-239"	10'	1-1/2"	DGW10VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ³	240"+	12'	1-1/2"	DGW12VTxxx	Class A	up to 54%		16.0 lbs./LF
16 lbs. ^{3,4}	31"-44"	6'	1-5/8"	DGW6VYxxx	Class A	up to 54%	16.0 lbs./LF	
16 lbs. ^{3,4}	45"-60"	8'	1-5/8"	DGW8VYxxx	Class A	up to 54%	16.0 lbs./LF	
16 lbs. ^{3,4}	61"-72"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54%	16.0 lbs./LF	
16 lbs. ^{3,4}	73"-91"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54%	16.0 lbs./LF	
16 lbs. ^{3,4}	92"-239"	10'	1-5/8"	DGW10VYxxx	Class A	up to 54%	16.0 lbs./LF	

Cross Tees

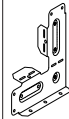
See Flat Ceilings (AC3117) for information on straight cross tees, cross channel, and moldings.

Accessories

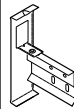
DGSC180 Splice Clip



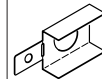
DGTC90 Transition Clip



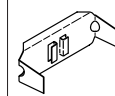
DGC4, DGC6, DGC8 COMPASSO™ Drywall Clip



DGWC Wall Attachment Clip



DGSP180 Splice Plate

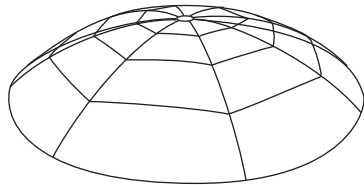


DGHUB Dome Hub

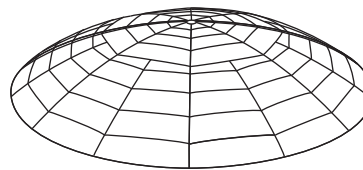


Typical Assemblies

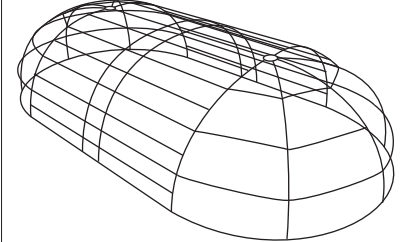
8-Spoke Dome



16-Spoke Dome



Dome Vault



Design Support

USG DesignStudio.com:

- Online design and specification tools
- Installation videos
- Domes and barrel vault estimator. Additional support available through USG Ceilings Solution Group for design and estimation of non-typical applications.

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Physical Data/ Footnotes

Product literature

System brochure: AC3152
Data sheet: AC3118

Finishes

Galvanized.

Material

Double-web tee, G40 hot-dipped galvanized steel.

Recycled content

For details, see the LEED report generator at usgdesignstudio.com.

Installation

Must be installed in compliance with ASTM C636, CISCA, and standard industry practices.

Limitations

Severe Environmental Requirements. For exterior applications, suspension systems should be reviewed by an engineer.

Footnotes

1. For detailing and module loading, request AC3152.
2. "xxx" is a placeholder for a custom radius, in inches.
3. As tested per independent testing agency, both vault and valley main tees can carry 16 pounds per lineal foot.
4. As tested per independent testing agency, valleys require hanger wire spacing of 2' o.c.
5. Members conform to performance standard C645.



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Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

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